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IN THE CLAIMS

1-3. (Cancelled)

- 4. (Previously Presented) A semiconductor processing chamber comprising:
- a chamber body having sidewalls and a bottom defining an interior volume;
- a lid assembly coupled to the chamber body and movable between a first position enclosing the interior volume and a second position;
- a hinge assembly coupled between the lid assembly and the chamber body, wherein the hinge assembly further comprises:

one or more mounting brackets coupled to the lid assembly;

- a shaft coupled to the mounting brackets and coplanar with the upper surface of the chamber body; and
- one or more bearing mounts rotatably coupled to the shaft; and a motor coupled to the hinge assembly for moving the lid assembly between at least the first position and the second position.
- 5. (Previously Presented) The semiconductor processing chamber of claim 4, wherein the bearing mounts are coupled to the chamber body, a frame circumscribing the chamber body or a processing platform having the chamber body coupled thereto.

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- 6. (Previously Presented) The semiconductor processing chamber of claim 4, wherein the lid assembly further comprises a target and a magnetron.
- 7. (Previously Presented) A semiconductor processing chamber comprising:
- a chamber body having sidewalls and a bottom defining an interior volume;
- a lid assembly coupled to the chamber body and movable between a first position enclosing the interior volume and a second position;
- a hinge assembly coupled between the lid assembly and the chamber body;
- a motor coupled to the hinge assembly for moving the lid assembly between at least the first position and the second position;
- a plurality of first locating devices disposed between the lid assembly and the chamber body disposed proximate a shaft of the hinge assembly; and
- a plurality of second locating devices disposed between the lid assembly and the chamber body, the second locating devices disposed outward of the first locating devices relative the shaft.
- 8. (Original) The semiconductor processing chamber of claim 7, wherein each of the first locating devices further comprises:
 - a pin and a bushing having a "C" shaped cross section.
- 9. (Original) The semiconductor processing chamber of claim 8, wherein each of the second locating devices further comprises:
 - a pin and a cylindrical bushing.
- 10. (Original) The semiconductor processing chamber of claim 8, wherein the pin is coupled to the lid assembly.

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11-12. (Cancelled)

- 13. (Previously Presented) A semiconductor processing chamber comprising:
- a chamber body having sidewalls and a bottom defining an interior volume;
- a lid coupled to the chamber body and having a bottom movable between a first position enclosing the interior volume and a second position;
 - a target coupled to the bottom of the lid;
 - a first mounting bracket coupled to the lid assembly;
 - a shaft coupled to the first mounting bracket;
 - one or more bearing mounts rotatably coupled to the shaft;
- a motor coupled to at least one of the shaft or first mounting bracket for moving the lid assembly between at least the first position and the second position;
- a first bushing having a "C" shaped cross section disposed in the chamber body;
- a first pin disposed between the lid assembly and the chamber body wherein a portion of the first pin mates with the first bushing;
- a second bushing having a cylindrical cross section disposed in the chamber body outward of the first bushing relative to the shaft; and
- a second pin disposed between the lid assembly and the chamber body wherein a portion of the second pin mates with the second bushing.
- 14. (Previously Presented) The semiconductor processing chamber of claim 13, wherein the shaft is coplanar with the upper surface of the chamber body.

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- 15. (Previously Presented) The semiconductor processing chamber of claim 13, further comprising:
 - a second mounting bracket coupled to the lid assembly and the shaft; and a brace coupled between the first and second mounting brackets.
- 16. (Original) A physical vapor deposition chamber comprising:
- a chamber body having sidewalls and a bottom defining an interior volume;
- a lid coupled to the chamber body and having a bottom movable between a first position enclosing the interior volume and a second position;
 - a target coupled to the bottom of the lid;
 - one or more mounting brackets coupled to the lid assembly;
 - a shaft fixed to the mounting brackets;
- one or more bearing mounts disposed on the chamber body and rotatably coupled to the shaft;
- a motor coupled to at least one of the shaft or mounting brackets for moving the lid assembly between at least the first position and the second position;
- a first bushing having a "C" shaped cross section disposed in the chamber body;
- a first pin disposed between the lid assembly and the chamber body wherein a portion of the first pin mates with the first bushing;
- a second bushing having a cylindrical cross section disposed in the chamber body outward of the first bushing relative to the shaft; and
- a second pin disposed between the lid assembly and the chamber body wherein a portion of the second pin mates with the second bushing.
- 17. (Previously Presented) The semiconductor processing chamber of claim 4, wherein the motor is coupled to the shaft.

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18. (Previously Presented) The semiconductor processing chamber of claim 4 further comprising:

a plurality of first locating devices disposed between the lid assembly and the chamber body disposed proximate a shaft of the hinge assembly; and

a plurality of second locating devices disposed between the lid assembly and the chamber body, the second locating devices disposed outward of the first locating devices relative the shaft.

- 19. (Previously Presented) The semiconductor processing chamber of claim18, wherein each of the first locating devices further comprises:a pin and a bushing having a "C" shaped cross section.
- 20. (Previously Presented) The semiconductor processing chamber of claim 19, wherein each of the second locating devices further comprises: a pin and a cylindrical bushing.
- 21. (Previously Presented) The semiconductor processing chamber of claim 19, wherein the pin is coupled to the lid assembly.
- 22. (Previously Presented) The semiconductor processing chamber of claim 7, wherein the hinge assembly further comprises: one or more mounting brackets coupled to the lid assembly; a shaft coupled to the mounting brackets; and one or more bearing mounts rotatably coupled to the shaft.
- 23. (Previously Presented) The semiconductor processing chamber of claim 22, wherein the motor is coupled to the shaft.

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- 24. (Previously Presented) The semiconductor processing chamber of claim 22, wherein the bearing mounts are coupled to the chamber body, a frame circumscribing the chamber body or a processing platform having the chamber body coupled thereto.
- 25. (Previously Presented) The semiconductor processing chamber of claim 7, wherein the lid assembly further comprises a target and a magnetron.
- 26. (Previously Presented) The semiconductor processing chamber of claim 13 further comprising:

a first bushing having a "C" shaped cross section disposed in the chamber body; and

a first pin disposed between the lid assembly and the chamber body wherein a portion of the first pin mates with the first bushing.

27-28. (Cancelled)